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DPD-4107-61
Task Order No. 2
Contract No. BB-425

ITEK Laboratories
A Division of ITEK Corporation
Lexington, Massachusetts

Gentlemen:

1. In accordance with the provisions of Contract No. BB-425 and effective upon your acceptance hereof you are authorized to proceed with the performance of Task Order No. 2 to said contract.
2. The scope of work to be performed under this Task Order and such additional provisions as may be applicable are set forth in the attached schedule.
3. The estimated cost of the performance of this Task Order, exclusive of the fixed fee, is \$85,033.00. Cost in excess of this amount shall not be incurred without prior written authorization of the Contracting Officer.
4. The fixed fee for the performance of this Task Order shall be \$7,258.00.
5. The work and services to be performed under this Task Order shall commence on or about 1 July 1961 and shall be completed on or before 31 January 1962; however, said period of performance may be extended by mutual agreement.
6. The work shall be conducted in phases and in accordance with the schedule set forth in the schedule attached hereto.
7. Upon execution of all copies of this Task Order please return the original and one copy to the undersigned and retain the remaining copy for your files.

ACKNOWLEDGED AND ACCEPTED
ITEK CORPORATION

BY

TITLE Vice-President

DATE July 14, 1961

Very truly yours,

Contracting Officer

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Task Order No. 2
Contract No. DD-485

SCHEDULE

I SCOPE OF WORK

Contractor shall furnish necessary facilities and services to perform following work:

Conduct a complete engineering design study directed toward the development of a viewer capable of employing high resolution photography with a minimum degradation, in accordance with the technical approach outlined in Contractor's document entitled "Proposal For A Rear Projection Viewer", IH-3805-1 dated 8 February 1961 and "Proposal For A High Performance Lens For A Photointerpretation Viewer", IH-3805-2 dated 8 February 1961, said documents being incorporated herein by reference.

The viewer will be capable of displaying aerial photography limited at 800 lines per millimeter without degradation below 195 lines. The optical system for such a viewer must maintain resolution in excess of 400 lines per millimeter to obtain this capability.

The work shall be conducted in two phases. Phase I shall be the basic design study in which all parameters of the system will be specified and the basic design concept will be finalized. At the completion of this phase a detailed design plan will be submitted for approval. Contractor will not proceed with Phase II until such approval from the Contracting Officer is received. Such approval will be forwarded within two (2) weeks after receipt of the design plan. Contractor shall be entitled to an adjustment in the contract schedule for any delays upon the part of the Government in granting such approval.

Phase II of this project will consist of the detailed engineering necessary to bring the development to a point from which fabrication can be initiated. Drawings shall be suitable for manufacturing, but need not meet all of the requirements of military specifications.

Because of the requirements placed upon the optical system extensive research and analysis will be accomplished by the optical engineer assigned to this task. The initial effort will be a market survey to determine the availability of suitable finite conjugate projection lenses. The lens selected will be subjected to bench tests to determine the operating characteristics of each. Contractor will test lenses supplied by the Customer in the same manner and coordinate with the Customer its decision on the finally selected lens.

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Phase I of this project and the detailed technical report shall be completed within three (3) months. Phase II of this work will be completed within four (4) months after receipt of approval of the design plan.

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